

INTERNATIONAL SEARCH REPORT

Ir ition No
PCT/IB2005/051056

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L29/78 H01L29/06 H01L21/336

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 337 499 B1 (WERNER WOLFGANG) 8 January 2002 (2002-01-08) cited in the application the whole document	1-14
A	US 2003/234423 A1 (BUL IGOR ET AL) 25 December 2003 (2003-12-25) the whole document	1-14
A	WO 01/59846 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 16 August 2001 (2001-08-16) page 4, line 1 - page 11, line 11; figures 1-8	6,7,11
	----- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

25 August 2005

Date of mailing of the international search report

02/09/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Lantier, R

INTERNATIONAL SEARCH REPORT

ation No
PCT/IB2005/051056

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/065552 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 22 August 2002 (2002-08-22) abstract; figures 1,3	12,13
A	US 5 324 683 A (FITCH ET AL) 28 June 1994 (1994-06-28) column 9, line 31 - line 65; figure 15	1-8

INTERNATIONAL SEARCH REPORT

Int. No. PCT/IB2005/051056

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6337499	B1	08-01-2002	DE 19748523 A1 12-05-1999 EP 1029362 A1 23-08-2000 JP 3348090 B2 20-11-2002 JP 2001522146 T 13-11-2001 WO 9923704 A1 14-05-1999
US 2003234423	A1	25-12-2003	NONE
WO 0159846	A	16-08-2001	WO 0159846 A1 16-08-2001 EP 1169738 A1 09-01-2002 JP 2003523087 T 29-07-2003 US 2001048131 A1 06-12-2001
WO 02065552	A	22-08-2002	EP 1364410 A2 26-11-2003 WO 02065552 A2 22-08-2002 JP 2004519103 T 24-06-2004 US 2002134998 A1 26-09-2002
US 5324683	A	28-06-1994	US 5510645 A 23-04-1996